

MORIN, Aleksay Ilich; ROSSAL, N.A., polkovnik, red.; EPOV, B.A.,
dota., kand. tekhn. nauk, red.; SOKOLOVA, G.P., tekhn. red.

[Aid for the demolition man] V pomoshch' podryvniku. Pod
red. B.A.Epova. Moskva, Voenizdat, 1962. 54 p.
(MIRA 15:10)

(Demolition, Military)

ACCESSION NR: AT4047803

S/2996/64/000/055/0019/0080

AUTHOR: Morin, N. I. (Retired major-general of engineering corps) *B*

TITLE: The problem of revision of certain blasting calculations

SOURCE: Nauchno-tehnicheskoye gornoye obshchestvo. Vzryvnoye delo, no. 55/12,
1954. Podzemnyye i otkrytyye vzryvnyye raboty (Underground and open blasting
operations), 69-80

TOPIC TAGS: blasting, blasting calculation, blasting effect

ABSTRACT: In 1953, the Komitet tekhnicheskoy terminologii Akademii nauk SSSR (Commission of Technical Terms of the USSR Academy of Sciences) approved the term "blasting effect" as the ratio between the crater radius and the line of least resistance. This term is used not only for blasting out, but also for scarification. The author notes that the first equation for blasting proposed by Boreskov (1771) considered the depth of the crater as more important than the crater radius. In modern times, this has been forgotten and both scientists and official codes consider only the crater radius, which cannot show the effect of multiple blasting, for instance. Since the 18th century, all blasting calculations include a coefficient showing the effect of the blasted medium, depth of charge and the blasting effect. However, these equations do not give the correct value of the blasting effect.

ACCESSION NR: AT4047803

effect, as actual explosives are not taken into account, and all equations should have the same blasting effect for unity, which is not true. In the present paper, the author considers formulas for blasting out and scarification, pointing out that it is not permissible to use different approaches to derive blasting equations under similar conditions. Calculations should depend on the blasted volume. On the basis of a certain quantity of explosives per unit volume, the general equation may then be employed for the given geometrical dimensions. The existing codes for blasting do not take into account the type of explosion, as the coefficients for blasting out and scarification are provisional, not considering the actual required quantity of explosives per unit volume which depends on the actual conditions. The author concludes that the blasting effect is good only for calculations of blasting out, and even in this case is incomplete as it does not consider the visible crater depth. The equation for the blasting effect as the ratio between the crater radius and the line of least resistance may be used only for blasting out. The codes must therefore be re-drafted to have similar classifications and blasting calculations. The universal equation proposed by the author may be employed as a basic principle in actual calculations for relatively low lines of least resistance in a narrow range of crater radii. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: none

ENCL: 00

SUB CODE: WA

SUBMITTED: 00

OTHER: 600

Card 2/2

NO REF Sov: 007

4522-65 BMT(n)/BPP(e)/BPT(j) 4/1965 RIL W/ISI
REGISTRATION NR: A P 50200975

UR 0190/85/007/008/1463/146
978 M 156

A. V. HOR, Morin, D. P., Kryazhev, Yu. G., Rogovin, Z. A.

4522-65
A. V. HOR, Morin, D. P., Kryazhev, Yu. G., Rogovin, Z. A.
Topic: New method of incorporating into polymer macromolecules peroxide
groups used for the synthesis of block copolymers.

J. U.S.S.R. Vysokomolekulyarnye soyedineniya, v. 7, no. 8, 1965, 1463-1467

TOPIC TAGS: block copolymer, copolymerization, polyvinyl alcohol, polyacrylic acid, peroxide, oxidation reduction reaction, cellulose

FACT: The new method developed for the incorporation of peroxide groups into polymer is based on the use of redox systems. An oxidant and reductant system containing HgO_2 are one component of the system. The second component is a solution of cellulose and then treated with the first component. $FeSO_4 \cdot FeCl_3$ in combination with HgO_2 were most effective. The polymers were then capable of initiating block copolymerization. Block copolymer of cellulose-polyvinyl alcohol was synthesized with acrylonitrile, α -methylstyrene, acryl, methacryl, and vinyl chloride which was ionized. The

U 64534-65

ACCESSION NR: AP5020975

The mechanism of peroxide group formation in the initial polymer macromolecule is discussed. The block copolymerization is initiated by macroradicals formed by reduction of the peroxide groups introduced by the treatment in an H₂O₂-reducing agent or H₂O₂-reducing agent system. Orig. art. has 3 sets of equations, 2 tables.

ORIGINATOR: Moskovskiy tekhnicheskiy institut (Moscow Textile Institute)

DATED: 09Oct84

ENCL: 00

SUB CCODE: M, CC

REF ID: SOV: 000

CHNR: 064

9.6/00

S/124/61/000/002/001/007
A005/A001

Translation from: Referativnyy zhurnal, Mekhanika, 1961, No. 2, p. 13, # 2A90

AUTHOR: Morin, B.V.

TITLE: On the Problem of Investigating the Servomechanism of the "Kurs"
Gyrocompass

PERIODICAL: V sb.: "Vopr. teorii i rascheta giroprilborov i priborov tschn.
mekhan. (LITMO, No. 36)". Leningrad, 1958, pp. 70 - 81

TEXT: The problems of stability and dynamical errors were investigated in
the servomechanism of the "Kurs" gyrocompass. The analysis of stability is carri-
ed out by means of investigating the transmission function of the open system.
This investigation shows that the servo system of the gyrocompass "Kurs" is stable
and, moreover, with a sufficient reserve of stability. It is shown that the servo
system has a dynamical error, which can be reduce by means of the introduction of
an additional feedback using derivative of the angle of mismatch between the gyro-
sphere and the servomechanism sphere.

V. Koshlyakov

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

✓B

MORIN, I. S.

Cand. Tech. Sci.

Dissertation: "Experimental investigation of the effect of rigidity and friction of the load graphys of drives in crank-type pressus during cold stamping operations." 14 Mar 49

Moscow Order of the Labor Red Banner Higher Technical School imeni

SO Vecheryaya Moskva
Sum 71

Bauman

MORIN, I.S., kand.tekhn.nauk

Rigidity of crank presser. [Trudy] KFTU no. 13:22-31 '51.

(Power presses)

(KIRD 12:7)

BRIYAYEV, V.N., dots., kand. tekhn. nauk; BOGATYREV, I.S., dots., kand. tekhn. nauk; BULANZHE, A.V., dots.; VYBORNOV, P.V., st. prepod.; GAIOLIN, V.L., dots., kand. tekhn. nauk; GOFMAN, E.I., st. prepod.; DROZDOV, N.A., dots., kand. tekhn. nauk; ZAYTSEVA, L.I., inzh.; IVANOV, V.N., dots., kand. tekhn. nauk; KOROVIN, B.I., dots., kand. tekhn. nauk; JUKIN, V.I., dots., kand. tekhn. nauk; MORIN, I.S., dots., kand. tekhn. nauk; OGRINCHUK, I.A., inzh.; PALOCHKINA, N.V., inzh.; POLYAKOV, D.G., dots.; PARGIN, D.P., kand. tekhn. nauk; RASPOPOV, A.G., st. prepod.; RESHETOV, D.N., prof., doktor tekhn. nauk; STOLBIN, C.B., dots., kand. tekhn. nauk, retsenzent; KASPEROVICH, N.S., inzh., red.; SMIRNOVA, G.V., tekhn. red.; UVAROVA, A.F., tekhn. red.

[Machine parts; atlas of designs] Detali mashin; atlas konstruktsii. Moskva, Mashgiz, 1962. 346 p. (MIRA 15:3)

1. Kafedra "Detali mashin" Moskovskogo vysshego tekhnicheskogo uchilishcha im. Baumana (for all except Stolbin, Kasperovich, Smirnova, Uvarova).

(Machinery--Design)

BELYAYEV, V.N., dots., kand. tekhn.nauk; BOGATYREV, I.S., kand. tekhn. nauk; BULANZHE, A.V., dots.; VYSORNOV, P.V., st. prepod.; GADOLIN, V.L., dots., kand. tekhn. nauk; GOFFMAN, E.I., dots.; DROZDOV, N.A., dots., kand. tekhn.nauk; ZAITSEVA, L.I., inzh.; IVANOV, V.N., dots., kand. tekhn. nauk; KOROVIN, B.I., dots., kand. tekhn. nauk; LUKIN, V.I., dots., kand. tekhn.nauk; MORIN, I.S., dots., kand. tekhn. nauk; OGRINCHUK, I.A., inzh.; PALOCHKINA, N.V., inzh.; POLYAKOV, D.G., dots.; FARGEN, D.P.. kand. tekhn.nauk[deceased]; RASPOPOV, A.G., st. prepod.; RESHETOV, D.N., prof., doktor tekhn. nauk; KASPEROVICH, N.S., inzh., red.; TIKHANOV, A.Ya., tekhn. red.

[Machine parts; atlas of designs] Detali mashin; atlas konstruktsii. Izd.2., perer. i dop. Moskva, Mashgiz, 1963. 363 p.
(MIRA 16:12)

1. Kollektiv kafedry "Detali mashin" Moskovskogo vyshego tekhnicheskogo uchilishcha im. Baumana (for all except Kasperovich, Tikhanyov).

(Machinery—Design and construction)

HORIN, I. V.

Combines (Agricultural Machinery)

Analysis of the working process of worm gears of combines. Sel'khozmashina, no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, UNCLASSIFIED.

MORIN, I.V., Inshener.

Construction of the auger for combines. Selkhozmashina no.9:
17-20 8 '54.
(Combines (Agricultural machinery)) (MLRA 7:9)

MORIN, I.V., inshener.

Calculating the deformation of the spiral of screw conveyors.
Sel'khornashina no.6:21-23 Je '56. (MLRA 9:8)

I. (ChMSEh.
(Conveying machinery)

MORIN, I.V., inshener.

Performance of the screw conveyor. Sel'khozmaschina no. 11:19-26
N 56.
(Combines (Agricultural machinery))

ZHAK, S.V., kand.fiziko-matem.nauk; MORIN, I.V., inst.

Concerning the article of I.Y.Pikus. Trakt. i sel'khozmas.
30 no.7:47 J1 '60. (MIRA 1:10)
(Grain-Cleaning) (Pikus, I.Y.)

MORIN, I.V.

Oblique helicoid as a transporting surface. Trakt. i sel'khovush.
no.2831-33 F '65.
(MIRA 1814)

VAL'TSEV, B.G.; ORMOV, N.N., kandidat ekonomicheskikh nauk, retsenzent;
MORIN, L.A., inzhener, retsenzent; EICHENVAL'D, A.V., kandidat
ekonomicheskikh nauk, redaktor; MATVEIEVA, Ye.I., tekhnicheskiy
redaktor.

[Planning in a foreman's section] Opyt planirovaniia na uchastke
mastera. Moskva, Gos. nauchno-tekhnik. izd-vo mashinostroit. lit-ry.
1954. 81 p.
(Machinery industry--Accounting) (MIRA 9:1)

ILARIONOV, Vitaliy Aleksayevich, kand.tekhn.nauk; MORIN, Mikhail Mikhaylovich,
kand.tekhn.nauk; SHETVIN, Aleksandr Mikhaylovich, kand.tekhn.nauk;
KASHCHENKO, A.P., red.; GALAKTIONOVA, Ye.N., tekhn.red.

[The theory of motor vehicles] Teoriya avtomobilja. Moskva,
nauchno-tekhn.izd-vo N-va avtomobil'nogo transp. i shosseinykh dorog
RSFSR, Moskva, 1960. 186 p.
(Motor vehicles) (MIRA 13:12)

OSTROVSKII, V.S., kand.tekhn.nauk, MORIN, M.M., kand.tekhn.nauk

Using the induction method for measuring minor displacements in
investigating operating conditions of rear axles of motor vehicles.
Trudy Kaf."Avt.i trakt" VZMI no.2:58-68 '60. (MIRA 13:7)
(Motor vehicles--Axles--Testing)

YAGANT, A.I., kand.tekhn.nauk, MORIN, M.M., kand.tekhn.nauk

Investigating the flexure of unloaded semiaxes of motor vehicles.
Trudy Kaf.Avt. i trakt^z VZMI no.2:69-87 '60. (NIKA 13:7)
(Motor vehicles--Axles--Testing)

KUZNETSOV, A. P., kand. tekhn. nauk; MORIN, M. M., kand. tekhn. nauk,
dottsent

Rigidity calculation of motor-vehicle spur gear transmissions.
Izv. vys. ucheb. zav.; mashinotstr. no. 7:235-243 '62,
(MIRA 16:1)

I. Moskovskiy avtomekhanicheskiy institut i Vsesoyuznyy
zauchnyy mashinostroitel'nyy institut.

(Motor vehicles—Transmission devices)

MORIN, O. V., Cand. Tech. Sci. (diss) "Hydraulic Computation of Movement of Aerating Flow," Novosibirsk, 1961, 13 pp. (Novosibirsk Civil Engr. Inst.) (KL Supp 12-61, 270).

MORIN, Yu.F., inzh.; RAYZER, Yu.F., inzh.; CINCERMAN, M.L., inzh.

Automatic device for removing excess windings from bobbins. Tekst.-
prom. 21 no.5:59-61 My '61. (MIRA 15:1)
(Looms) (Automatic control)

MORIN, Yu.P.; LUDMER, Yu.V.

Dyeing of staple yarn in bobbins with insoluble azo dyes in
PK-1 apparatus. Leh.prom. no.1:20-21 Ja-Mr '62. (MIRA 15:9)

1. Khersonskiy khlopchatobumashnyy kombinat.
(Dyes and dyeing--Cotton) (Kherson—Yarn)

MORIN, Yu.F.

Efficiency of using electric needles for cleaning the drafters of
spinning machinery. Leh.prom. no 3:41 Je - Ag '62. (MIRA 16:2)

I. Kheronskiy khlopchatebumashnyy kombinat.
(Spinning machinery—Cleaning)

MORIN, Yu.F.; POPOV, V.U., kand.ekonom.nauk

Increasing labor productivity. Leh.prom. no.4:0-83 O-D '62.
(MIRA 16:5)

I. Khar'onskiy khlopcchetobumashnyy kombinat (for Morin).
(Kherson—Cotton manufacture)

MORIN, Yu.F.

Improving the dyeing and finishing of dress and suiting fabrics.
Lek. prom. no. 2:47-50 Ap-Je '63. (MIRA 16:7)

1. Khersonskiy khlopchatobumazhnyy kombinat.
(Textile finishing) (Dyes and dyeing)

MORIN, Yu.F.

Processing of lassaan polyester fibers in a blend with spun viscose. Leh.prom. no. 4:12-24 O-D '63. (MIRA 17:5)

MORIN, Yu.F.

Effect of the heat treatment on the properties of lavgan fibers.
(MIRA 17:10)
Leh. prom. no.3:58-61 JI-S '64.

MORINA, I. N. Cand Tech Sci -- (diss) "Study in the field of thermal dissolution
of propane." ^{with graphs} Mos, 1957. 14 pp\21 cm. (Min of Higher Education USSR. Mos Inst
of Fine ~~Chem Eng~~ Chem Technology im M. V. Lomonosov), 120 copies
(KL, 14-57, 86)

-19-

8/081/61/000/021/058/094
B138/B101

AUTHORS:

Morina, I. N., Vinogradova, N. P., Listopadov, M. V.,
Starostina, Ye. S.

TITLE:

Combined synthesis of acetylene and ethylene by hydro-carbon pyrolysis

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 21, 1961, 317, abstract
21L11 (Sb. "Sintez monomerov dlya proiz.-va sintetich.
kauchuka". L., Goskhimizdat, 1960, 197 - 206)

TEXT: C_2H_2 and C_2H_4 are simultaneously produced, in quantities of up to 50 % by weight of the starting hydrocarbons, by the pyrolysis of propane and butane (temperature $\geq 1050 - 1100^{\circ}C$, contact time 0.1 - 0.15 sec.). Depending on conditions of production, the C_2H_2/C_2H_4 ratio varies between 1 : 3 and 3 : 1. For commercial production it is suggested that tubular furnaces should be used. They should be made of the refractory alloy No. 2, have tube diameter 50 mm and length 25 m, and allow for the rare action

Card 1/2

Combined synthesis of acetylene...

S/081/61/000/021/058/094
B158/B101

of ≥ 2 parts by weight of steam. The life of a furnace with a battery of
20 tubes would be 4 thousand tons C_2H_2 and 5 thousand tons C_2H_4 per annum.
[Abstracter's Note: Complete translation.]

Card 2/2

S/081/61/000/020/070/089
B126/B147

AUTHORS: Morina, I. N., Vinogradova, N. P., Davydov, A. N.,
Kornilova, N. S., Konecspol'skiy, L. I., Listopadov, M. V.,
Starostina, Ye. S., Chernysheva, R. K., Shainskiy, Ya. B.

TITLE: Separation of acetylene from pyrolysis gases, using
dimethyl formamide as absorbent

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1961, 317, abstract
2019 (Sb. "Sintez monomerov dlya proiz-va sintetich.
kauchuka". L., Goskhimizdat, 1960, 207-215)

TEXT: A scheme for separating concentrated C₂H₂ from gases produced by
high-temperature pyrolysis of hydrocarbons, using dimethyl formamide as
absorbent, was developed and checked on a test unit. The optimum
conditions for the process were established which ensure a virtually
complete extraction of C₂H₂ from pyrolysis gases and a yield of concentrate
containing 98 to 99 % by volume of C₂H₂. [Abstracter's note: Complete
translation.]

Card 1/1

AL'KOSIEVSKO, V.I.; MISHUSTIN, I.U.; Prinimala uchastiye MORINA, L.P.

Compatibility of high polymers. Viscosity of solutions of nitrocellulose, polyvinyl chloride, and their mixtures with polar rubbers.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut plenochnykh materialov i iksusstvennoy khoshi.
(Nitrocellulose) (Ethylene) (Rubber)

VESELOV, V.V.; LINCHEVSKIY, P.V.; MORINA, V.I.

Thermal esterification of synthetic fatty acids under
pressure. Khim.prom. no.9:558-560 Ag '62. (MIRA 15:9)
(Acids, Fatty) (Esterification)

VESELOV, V. V., LIMCHEVSKIY, P. V., MURINA, V. I.

Effect of the molecular weight of higher fatty acids on their capacity of being reduced to alcohols. Khim. i tekhn. topl. i nafta, 8 no. 3411-15 Mr '63. (MIRA 1614)

1. VNIISIMZh.
(Acids, Fatty) (Alcohols) (Reduction, Chemical)

VESELOV, V.V.; LINCHEVSKIY, F.V.; MORINA, V.I.

Transformations of higher fatty acids during their reduction
process. Khim. i tekhn. nauchno-issledovatel'skiy i proyektornyj
(MIRA 18:11)

I. Vsesoyuznyj nauchno-issledovatel'skiy i proyektornyj
Institut sinteticheskikh shirokameniteley.

ANTIK, I.; DONHOPFER, S.; MORINI, L.; SZENTESI, J.

The effect of starvation on food intake and selection. Acta physiol.
hung. 2 no. 3-4: 363-368 1951. (OLML 22c1)

I. Of the Institute of Pathophysiology of Pecc University.

MORING, I.

ANDIK, I.; BANK, J.; MORING, I.; Gregvari, O.

The effect of exercise on the intake and selection for food in
the rat. Acta physiol. hung. 5 no.3-4:457-461 1954.

I. Institute of Pathophysiology of the Medical University, Pecs.
(Received September 16, 1953)

(EXERCISE, eff.

on intake & selection of food in rat)

(FOOD

intake & selection, eff. of exercise in rat)

POTOTSII, I.I., prof. Prinimali uchast'yei MEL'NIK, M.I., vrach; MORINYAK,
Z.N., vrach; FOKINA, A.I., vrach

Use of psor'azine in psoriasis. Vest. derm. i ven. 37 no.7t
23-26 Jl'6, (MIRA 16rl2)

I. Kiyevskiy gorodskoy kozhno-venerologicheskiy dispanser (fer
Mal'nik, Morinyak, Fokina).

SEZNIKOVA, O.Yu.; MORISOVA, A.P., GOHELOVA, I.L.

Bacterial picture in pneumonias in children and pneumococcal resistance to sulfapyridine and penicillin. II. Sulfapyridine and penicillin resistance of pneumococci isolated from children with pneumonia. Pediatrīja no.1:21-24 Ja-Y '55. (MIRA 815)

I. Ir Rostovskogo-na-Donu nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gигиены (dir. dotsent A.A.Velikiy).

(PNEUMOCOCCUS INFECTIONS,

pneumonia in child., penicillin & sulfonamide resist. of isolated bact.)

(PNEUMONIA, in infant and child.,

pneumococcal resist. to penicillin & sulfonamides after isolation in child.)

(PENICILLIN, effects,

on pneumococcus isolated in pneumonia in child., resist.)

(SULFONAMIDES, effects,

on pneumococcus isolated in pneumonia in child., resist.)

MORIT, Yu., inzh.; ZAKS, M., inzh.

Grain cleaning and drying station. Trakt. i sel'khozmash. 33 no.1(26-29
Ja '63.)
(MERA 16:3)

I. Pribaltiyskaya mashinoispytatel'naya stantsiya:
(Grain-Cleaning) (Grain-Drying)

MORITS, F.

Absolute convergence of series in Haar's system. Izv. AN SSSR.
Ser. mat. 27 no.6:1229-1238 N-D '63. (MIRA 17:1)

MORITZ, P., dr. (Budapest, II., Gellert ter 4)

On the approximate calculation of critical volumes of liquids.
Periodica polytechnica chem. 7 no. 1:27-30 '63.

I. Department of Inorganic Chemistry, Polytechnical University,
Budapest. Presented by Prof. Dr. J. Prost.

Moritz, P.

MORITZ, P.

Posttraumatic extrapyramidal hyperkinesia. Acta med. hung. 11 no.1:129-137 1957.

1. Abteilung für Neuropsychiatrie des Landeskrankenhauses in Balassagyarmat.

(MOVEMENT DISORDERS, etiol. & pathogen.

extrapyramidal hypokinesia caused by head inj., pathol.
(Ger))

(HEAD, vds. & inj.

causing extrapyramidal hyperkinesia, pathol. (Ger))

MORITZ, Paul, Dr.

Dystrophic muscular changes in myasthenia gravis. [deg. stemle 11 no.
1-2:2¹/₄-29 Feb-Apr 58.

(MYASTHENIA GRAVIS, pathol.
dystrophic musc. changes, histopathol. (H&E))

EXCERPTA MEDICA Sec 6 Vol 13/7 Internal Med. July 52

4007. CHRONIC THYROGENOUS MYOPATHY - Chronicus thyroegen myopathia -
Moritz P. Budapesti Orvoslat Egyetem I.sz. Sebészeti Klin., Budapest -

ORV. HETIL. 1958, 99/7 (245-247) Illus. 3

A severe form of Graves' disease developed in a 31-year-old woman in 3 months. In the last 10 days there appeared: paraplegia, paresis of the upper limbs and bulbar musculature. She lost 30 kg. Status: characteristic signs of Graves' disease except in the eyes. Moderate goitre. Ankle-jerk absent on both sides. Paresis of the upper limbs. The muscles innervated by the common peroneal nerve are plegic on both sides. The other muscles of the lower limbs are paretic. Paretic gait of peroneal type. Intact sensibility. Basal metabolic rate +12%. Absolute eosinophil count 194/cu.mm. 17-Ketosteroid output 7.0 mg./24 hr. Preoperative treatment with reserpine, Lugot's solution, quinidine, diiodotyrosine. The preparation lasted one month. Operations subtotal resection of the goitre. The improvement which began before operation continued. One month after operation basal metabolic rate +20%. The status of the musculature improved. The pathogenic factor may be the insufficient function of the adrenal cortex and the disturbance of creatine metabolism.

(VI, 1*)

SZEMAN, Sandor, dr.; RISKO, Tibor, dr.; MORITZ, Pal, dr.

Surgical therapy of paralytic related to tuberculous spondylitis.
Tuberkulosis 12 no.9:207-210 S '59.

I. Az Allami Fodor Jozsef Tbc. Gyogyintézet Budapest (Igazgató
főorvos: Sebok Lorand dr.) I. sz. Sebestyeni osztályának (főorvos:
Risko Tibor dr.) és a Budapesti Orvostudományi Egyetem I. sz.
Sebestyeni Klinikájának (Igazgató: Hedri Endre dr.) kosleménye.
(TUBERCULOSIS SPINAL compl)
(PARALYSIS etiol)

MORITZ, Pal, Dr.

Data on the pathogenesis of neuralgia paraesthesia. Orv. hetil.
100 no.11:387-391 15 Mar 59.

I. A Budapesti Orvostudomanyi Egyetem I. sz. sebészeti klinikájáról
(igazgató: Hedri Endre dr. egyetemi tanár) közleménye.
(PARESTHESIA, etiol. & pathogen.
neuralgia paraesthesia (Hun))

MORITZ, Paul dr.

Data on the pathogenesis of megacolon. Orv.hetil. 100 no.40:
1446-1449 0 '59.

1. A Budapesti Orvostudományi Egyetem I. sz. Sebészeti Klinika-
janak (igazgató: Endre dr. egyetemi tanár) korlemeze.
(MEGACOLON etiol.)
(TABES DORSALIS compl.)

MORITZ, Pal, dr.

Cervical rib and scalenus syndrome. Orv.hetil. 101 no.35:1225-1229
28 Aug '60.

1. Budapesti Orvostudomanyi Egyetem, I. sz. Sebészeti Klinika
(SCALENUS ANTERICUS SYNDROME)

MORITZ, Pal, dr.

Diseases of the vertebral column and spine causing abdominal symptoms. Orv.hetil. 101 no.39:1390-1392 25 S '60.

I. Budapesti Orvostudomanyi Egyetem, I. Sebestyeni Klinika.
(ABDOMEN, ACUTE etiol.)
(SPINE dis.)

OBERNA, Ferenc, dr.; MORITZ, Pal, dr.

Successful grafting in a defect of the radial nerve with a transplanted sensory nervy. Orv. hetil. 103 no. 10: 446-447 Mr '62.

I. Budapesti Orvostudomanyi Egyetem, I Sebészeti Klinika es Povarosi Peterfy Sandor-utcai Korhaz-Rendelointezet, Baleseti-Sebészeti Osztaly.

(RADIAL NERVE surg) (NEURONS transpl)

HUNGARY

MORITZ, Pal, Dr; Medical University of Budapest, I. Surgical Clinic
(Budapesti Orvostudomanyi Egyetem, I. Sebészeti Klinikai),

"Primary Cystic Tumors of the Skull Bones,"

Budapest, Eryosi Hetilap, Vol 104, No 4, 27 Jan 63, pages 157-159.

Abstract: [Author's Hungarian summary] Based on 7 cases of his own and on literary data, the author discusses the pathology, pathogenesis, diagnosis and therapy of primary cystic tumors of the skull. The histological origin of hemangiomas of the skull is questioned. Clinical diagnosis is difficult by X-ray. Examination by a neurosurgeon and surgery is important for the clarification of the intracranial situation. Single tumors must be removed, multiple hemangiomas can be treated by X-ray. Biopsy and histological examination must be done before irradiation. 3 Eastern European, 25 Western references.

1/1

20

Dechlorinating power of nonactivated charcoal in
comparison with commercial activated coke. L. A.
Kublik and F. R. Moritz. *Chem. Abstr.* 36, No. 1,
186 411 (1941). - NaClO can be filtered and dechlorinated
simultaneously by passage through beds of pine charcoal
(I). Application of activated and regenerated charcoal
in the dechlorination of water. L. A. Kublik and I.
M. Glazman. *Ibid.* 193, 218. - A highly active product
(II) is obtained by treating I with Cl₂ with hot
1-2 N NaOH; the activity of II increases with each
repetition of the process. This effect is not obtained
with com. activated charcoal. H. C. A.

Calculation of equilibrium compositions starting from the equilibrium constant. *T. J. MERRITT* Tech. Univ., Prague, Czechoslovakia; *A. C. CLOTHIER*, University of Illinois, Urbana, Ill.; *W. H. HARRIS*, University of Illinois, Urbana, Ill. Much has been written concerning the calculation of equilibrium constants for the reaction $aA + bB = mM + nN$.
 The equation for the equilibrium is $K_e = (m!n!)^a (b!)^b / (a!b!)^a$.
 In equilibrium calculations, the fraction indicating the conversion of the b component present in the initial mixture, a and b are initial amounts, a and b equal amounts, M_e is the quotient of a divided by b , N_e is $a + b$, $m = a + b$, and $n = m - b$. This equation, after determination of the equilibrium constant, has only one real root possessing phys. meaning regardless of the compns. of the initial mixt. and the numerical value of the equilibrium constant.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135130010-6"

Moritz, F.

HUNG ?

1. Relation between the vapour pressure and molecular structure of liquids — *Disszeggi folyamatok
gazolajba és működőszivattyúkben* — P. M. L. (Hungarian Journal of Chemistry — Magyar Kémiai Folyóirat — Vol. 59, 1953, No. 10, pp. 293—300, 4 tabs)

The relation between the different states is given by the simplified equation $\log \frac{P}{P_0} = a \left(\frac{1}{T} - 1 \right)$ where P =

the reduced temperature and P_0 = reduced vapour pressure. Better agreement between experimental and calculated values are obtained by calculating the constant a by the simple addition of the atomic and bond increments as in the case of other additive values (e.g. molecular refraction, viscosity, etc.). It is sufficient to know the critical constants of a compound and its structure, the vapour pressure data at any given temperature are calculable by the addition of the values given in a table to obtain the constant a , and by using the equation above. It is noteworthy that the method is not limited to normal compounds.

MORITZ, P.

Calculation of the conversion of equilibrium research. p.l (Koslementyai, Budapest,
Vol 4, no. 1/2, 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Unclassified

MORITZ, PETER

HUNGARY/Physical Chemistry. Liquids and Amorphous Bodies. B-6
Gases.

Abs Jour: Ref Zhur-Khimiya, No 5, 1957, 14567

Author : Peter Moritz

Inst : Academy of Sciences of Hungaria.

Title : Method of Approximate Computation of Critical Pressure
in Liquids

Orig Pub: Magyar tud. akad. kem. tud. oszt. kozl., 1956, 8, No 1,
115-120

Abstract: It is shown that the logarithm of the critical pressure
of a liquid is added up of magnitudes connected with
atoms or atom groups. The error in the computation of
the critical pressure by this rule does not exceed few
percent.

Card 1/1

Hungary/Analytical Chemistry. *.....*

PONTE, E., Bitskei, J.

Brazilin as an acid-base indicator. In German. p. 339.
(CITA CHIMICA. Vol. 11, no. 3/4, 1937, Hungary)

SO: Monthly List of East European Acquisitions (EELA) ED. Vol. 6, no. 12, Dec. 1937.
Incl.

MORITZ, P. (Budapest)

Data on the coherence between the viscosity and surface tension of liquids. Periodica polytechn chem 3 no.3:167-176 '59. (EKAI 9:6)

I. Institut fur Anorganische Chemie der Technischen Universitat,
Budapest.
(Liquids)

MORITZ, Peter

Correlation between the viscosity and surface tension of liquids.
Magy kom folyoir 67 no.4:169-171 Ap '61.

I. Budapesti Műszaki Egyetem Szervetlen-Kémiai Tanszéke.

MORITZ, P. (Budapest, XI., Geilert ter 4)

On the approximate calculation of vapor pressures of liquids.
Periodica polytechnica chem 6 no.4:221-232 '62.

I. Department of Inorganic Chemistry of the Technical University,
Budapest. Presented by Prof. Dr. J. Proazt.

MORITZ, Peter

Approximate method for computing the vapor pressure of liquids. Magy
kém lap 17 no.10:452-453 O '62.

1. Budapesti Műszaki Egyetem Szervetlen Kémiai Tanszéke.

MORITZ, Pater, dr. (Budapest II., Gelert ter 4)

On the approximate calculation of critical temperatures of
liquids. Acta chimica Hung 32 no.1:97-102 '62.

1. Department of Inorganic Chemistry, Technical University,
Budapest.

MORITZ, Peter

Calculating temperature coefficient of the molecular free
surface energy. Magy kem folyoir 68 no.6:231-233 Je 62.

l. Budapesti Muszaki Egyetem Szervetlen-Kemial Tanszake.

MORITZ, Peter

Approximate method for the calculation of the critical
volume of liquids. Magy kem folyoir 69 no.10:467-469 O '63.

1. Budapesti Muszaki Egyetem Szervetlen-Kemiai Tanszeka.

MORITZNE GYENCE, Anna

The formation of a "quality index" on the basis of control-card data. Elelm ipar 17 no.3:89-92 Mr '63.

I. Kereskedelmi Miniszgellenorzo Intezet.

MORITZEE, GYENCE, Anna; RAVASZ, László

Further development of the quality control in the food industry
by means of mathematical statistics. Elelm ipar 17 no.6:177-
184 Je '63.

1. Kereskedelmi Minőségellenőrző Intézet.

MORITZNE GYENGE, Anna

Measuring the quality of consumers' goods. Must elet 18
no.2:4 17 Ja '63.

MORITZNE.GIENGE, Anna

Relation between industry and commerce. Muzz elet 18 no.6:4 14 Mr
'63.

MORITZNE GYURGE, Anna

Introduction of control cards in the Hungarian sweets industry.
Muza elet 18 no.22:6 24 0 '63.

MORKHAT, I.V.

Kimbarovskii's color sedimentation reaction in eye diseases. Zdrav.
Bel. 6 no.12:34 D '60. (MIRA 14:1)

I. Is kliniki glaznykh bolezney Vitebskogo meditsinskogo instituta
(sav. - prof. M.E. Kashuk).
(URINE—ANALYSIS AND PATHOLOGY)
(EYE—DISEASES AND DEFECTS)

KORKHAT, L.V. (Vitebsk)

Role of the feldsher-midwife centers in the elimination of trachoma
in a rural area. Fel'd. i akush. 26 no. 5:43-45 My '61.

(MIRA 14:5)

(MIORY DISTRICT—CONJUNCTIVITIS, GRANULAR)

MORKHAT, I.V.

Method for taking a graft for laminar transplantation of the
cornea. Vest.oft. no.5:42-44 '62. (MIR 15:12)

I. Klinika glasnykh bolezney (zav. - prof. M.E.Kashuk, [deceased])
Vitebskogo meditsinskogo instituta.
(CORNEA—TRANSPLANTATION)

KASHUK, M.E., prof. [deceased]; MORKHAT, I.V., assiatent

Technique of enucleation of the eye. Zdrav. Bel. 9 no.3:
53-54 Mr'63 (MIRA 16:12)

1. Iz kliniki glaznykh bolezney Vitebskogo meditsinskogo in-
stituta.

MORKHAT, I.V.

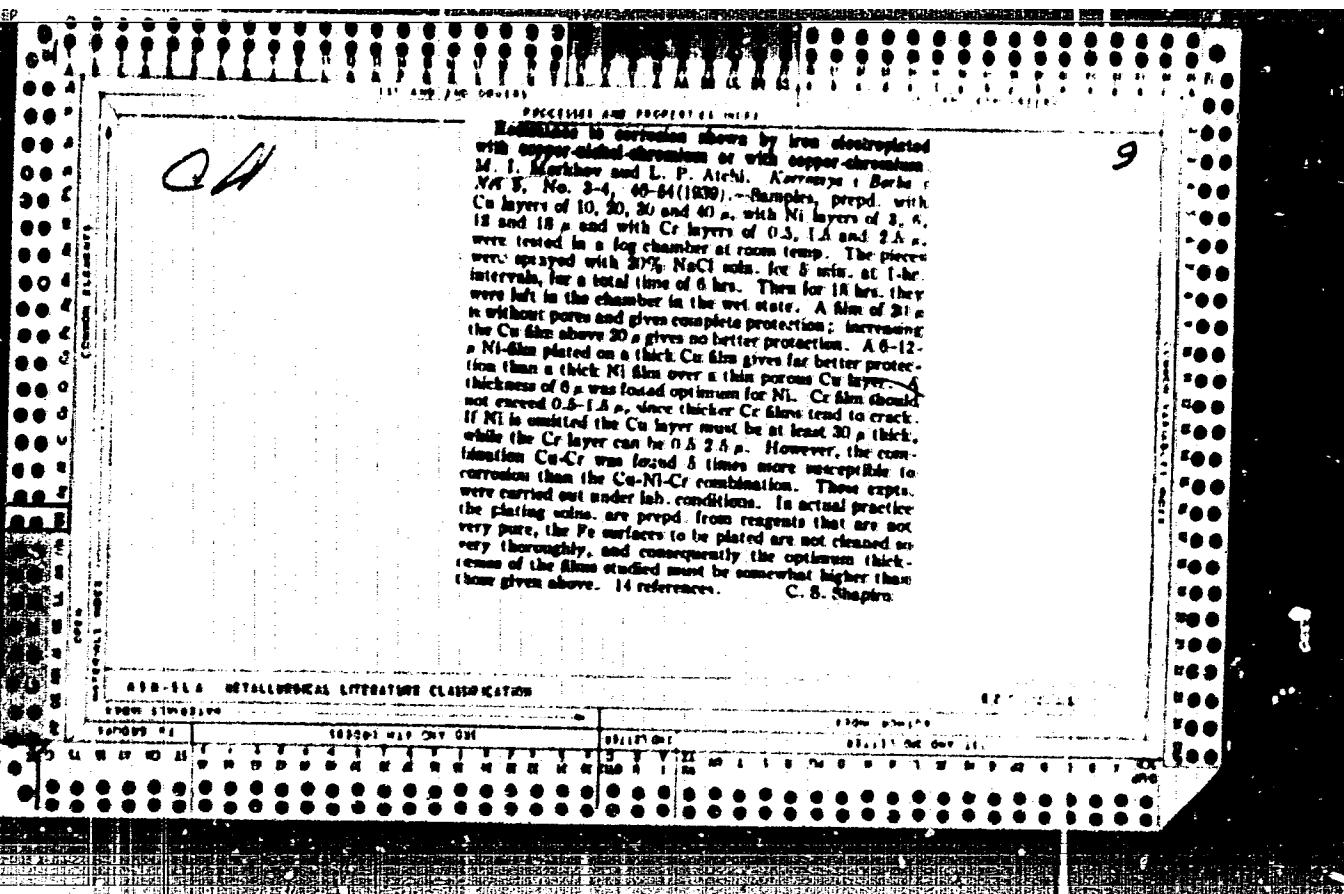
Experimental implantation of a preserved cornea into the pathological focus developed following a thermal burn of the cornea. Vest. oft. 76 no.5:71-78 S-0 '63.

(MIRA 17:1)

1. Kafedra glaznykh bolezney (zav. - prof. N.E. Kashuk [deceased] i doteant Ya.A. Kagan) Vitebskogo meditsinskogo instituta.

MORKHAT, V.V.

Universal chip and dust remover. Mashinostroitel'
no. 9:38-39 S '65.
(MIRA 16:12)



CA

4
Methods for increasing the uniformity of thickness of copper deposits. M. I. Markov and Ye. L. Leder. Arzamas-16. No. 8-6, 15-01 (1939).—The uneven distribution of the deposit in Cu-plating can be eliminated or reduced by proper design of the frames or racks. In a few cases no type of frame would help the situation. Here the throwing power of the bath had to be increased. Pulses of CN ions forming complete arcs with metal ions have a high throwing power. C. R. Shapire.

EEG-1A - METALLURGICAL LITERATURE CLASSIFICATION

TOPIC OR SUBJECT	EXTRACTED REFERENCE	COLLECTOR	FILE NUMBER
1	2	3	4
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CA

Adsorption of hydrogen by chromium electrodeposited in the presence of arsenic, mercury and zinc. M. I. Markberg and L. P. Alchi. *Acta Physicochim. URSS* 6, No. 2, 7-10 (1940).—The catalytic effect of the 3 impurities on the adsorption of H by Cr was studied during electroplating expts. Electrolytic Ni served as anode and Cr was deposited on strips of pure Ni. The electrolyte contained pure CrCl₃ and H₂SO₄ in concn. of 250 and 2.5 g./l., resp. The c.d. was 18 amp./sq. dm. and bath temp. was 48-50°. The Cr film obtained was 5-6 μ thick. The electrolyte was renewed for each expt. Arsenic was added as As₂O₃ dissolved in dil. warm NaOH; Hg and Zn, in the form of HgO and ZnCl₂, were added directly to the electrolyte heated to 80-90°. The adsorbed gases were extd. under high vacuum, by heating the deposit to 1000° for 2 hrs. Gas analysis was a modified Ryder procedure (cf. C. A. 35, 24227). The gas constituents H, H₂O, CO₂ and CO. The last two were present in traces and were probably derived from the glass vacuum app., rather than from the Cr plate. Presence of As₂O₃ has no effect on the structure of the Cr deposit in a concn. of 0.002 g./l. At high concn. (0.001 g./l.) the surface of Cr shows a few small black spots. Arsenic is a typical catalyst, when in trivalent form, stimulating the diffusion of H into the Cr, but in the quinquevalent state it is not active. In these expts. the activ. of H adsorbed was not changed even in presence of as much as 0.001 g./l. of As₂O₃. Therefore it is concluded, that the chromic acid of the electrolyte

causes the As. The presence of Hg (in concn. of 0.001 g./l.) diminishes the activ. of the Cr plate. The crystals of the metal become larger, but the quantity of adsorbed H again remains unchanged. Presence of Zn produces fine crystalline deposits of high heat, but with many surface cracks. This Cr plate is lowered on standing in the air at ordinary temp.; more rapidly on heating. The presence of Zn increases H adsorbed from 63 vol. to 62.7 vol. per vol. of Cr. This probably is due not to the catalytic effect of Zn, but to the increase in total exposed surface of Cr plate, due to the decrease in crystal size. It is assumed that the adsorption of H takes place, at least partially, at the faces of the Cr crystals. 13 references.

C. B. Shapre

M
J
[Handwritten notes: M, J, and arrows pointing to the text]
On the Quantity of Copper and Nickel Removed in Polishing. M. I. Stockton
and N. A. Morris (Austauschber. der Ges. f. Phys., 1930, 6, 73, 87) find that
in polishing copper coatings 15-20 microns thick, on the average 17% of
copper is removed, while for nickel coatings 3-14 microns thick 6-8% is
removed. N. A.

CA

14
Electrodeposition of Ni in the presence of Fe. M. I. Marikhay and L. P. Aitch. *Korrespond. Sbornik na Nauk. No. 3-6, 10, 18 (1962); Khim. Referat. Zhurn. SSSR, No. 7-8, 91 (1961).* — Fe appears in the Ni bath either as an impurity in the salts used in making up the bath or as a result of partial chem. soln. of steel objects being Ni-plated. The effect of Fe on the Ni plate was studied with an electrolyte constg. NiSO_4 , NiCl_2 , H_2BO_4 and an addn. of $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ (from 0.1 to 1.2 g./l.); stainless-steel cathode plates were used, from which the Ni film depd. easily in the form of films approx. 0.008 mm. thick. The Fe is incorporated with the Ni in such a way, directly proportional to its concn. However, the ratio Fe:Ni in the deposit is 6 times greater than in the salts. In the presence of Fe the plates develop serious internal strains resulting in cracking and peeling. Therefore, the Fe in the electrolyte should not exceed 0.5 g./l. Testing the plates for tensile strength did not give reproducible results. The tensile strength of plates constg. ac. Fe in 96-112 g./sq. mm. and that in the presence of Fe (0.3-0.8 g./l.) is 68-111 kg./sq. mm. No relation was found between the mech. properties of the plates and the content of adsorbed H_2CO_3 , CO and H_2O on the plates.

KORKEV, M. I., Engineer

"Gliding by Fire With Gold Leaves and a Galvanic Process." Sub 14 May 51,
Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin

Dissertations presented for science and engineering degrees in
Moscow during 1951

SC: Sum. No. 480, 9 May 55

KOREHOV, M.I., kandidat tekhnicheskikh nauk; SEMINA, N.N., mladshiy nauchnyy
sotrudnik [deceased].

The cohesion of nickel coatings with anode-pickled, sand-blasted
steel and mat finish nickel. Shor.st. NIIKHIMMASH no.15:116-127
'54.

(Nickel plating--Testing)

(KIRA 10:1)

MORKHOV, M.I., kandidat tekhnicheskikh nauk; KHARLAKOVA, K.M., mladshiy nauchnyy sotrudnik.

The cohesion of nickel coatings with chemically pickled, sand-blasted steel and mat finish nickel. Sbor.st.KIUKHOMASH no.15:128-139 '54.
(Nickel plating--Testing)

MORIKOV, M.I., kandidat tekhnicheskikh nauk; KHARLAMOVA, K.N., mладший
инженер-столярник.

Cohesion of nickel coatings with polished copper, steel, and nickel.
Sber.st. NIIKhIMMASH no.15:140-149 '54. (KLEA 10cl)
(Nickel plating)

MOROZHOV, M.I., kandidat tekhnicheskikh nauk; KHARLAMOVA, K.K., nauchnyy sotrudnik.

Porousity of gold coatings and the corrosion of gilded metals. (bor.
st. IIEKHINNASH no. 15-174-195 '54. (MIR. 10:1)
(Gold plating--Testing) (Corrosion and anticorrosives)

NORKHOV, N. A.; KARLAMOVA, K.N.; DOLIN, N.I.

Nickel plating of weights of technical weight sets taking into
consideration their given mass. Izm. tekh. no. 3.31-33 Ky-Je '57.
(Weights and measures) (Nickel plating) (MIFB 10:8)

Reviews 211

REPORTS: This issue contains reports presented at meetings, primarily, of international organizations. The basic article is a report presented at the 127th General Conference on Geopolitics organized by the Institute of International Chemistry. The following reports were presented at the 19th Annual Meeting of the Chemical Institute of Canada, held in Guelph, Ontario, Canada, on October 1-4, 1962. The following reports were presented at the 1962 Annual Meeting of the Geological Society of Canada, held in Victoria, British Columbia, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Mining and Metallurgy, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Petroleum, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Electronics, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Plastics and Rubber, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Chemical Engineers, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Mining and Metallurgy, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Petroleum, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Electronics, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Plastics and Rubber, held in Ottawa, Ontario, Canada, on September 1-6, 1962. The following reports were presented at the 1962 Annual Meeting of the Canadian Institute of Chemical Engineers, held in Ottawa, Ontario, Canada, on September 1-6, 1962.

Bickford, A. J., and Dr. T. H. Shultz, <i>Institution of Chemistry</i> <i>and Chemical Technology, Academy of Sciences, Leningrad</i> 877 Gas Electrolysis for Bright Plating 2315.	Bickford, A. J., and S. P. Shultz, <i>Formation of Electro Plates</i> 2316 Bright Plating Diesel Oil	Bickford, A. J., <i>Concent Separation of Some Metals at Two Surfaces</i> of Aluminum Alloys
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facing 12/13

MORIKAWA, M. I., ~~Kand.tekhn. nauk; YAMOROYA, K. S.~~

Removal of mineral oils from the surface of steel. Pat.-wash. no.1:
32-35 Jan '59. (MIR4 12:7)
(Steel) (Cleaning compounds)

LEHARLAMOVA, K.N., nladshiy nauchnyy sotrudnik; MOKHOV, M.I., kand.tekhn.
nauk

Cohesion between nickel coating and nickel, chromium, low-carbon
and stainless steels and chromium-nickel alloy. Trudy NIIKhimMASH
no.28:12-24 '59. (MIFI A 15:6)
(Protective coatings) (Nickel plating)

GORSHOV, M.I., kand.tekhn.nauk; KARLAMOVA, E.N., mладший научный сотрудник.

Cohesion between nickel coating and low-carbon sandblasted steel.
Trudy KIIMKIMASH no.28:24-28 '59. (KIEA 15:6)
(Protective coatings) (Steel)

MORJHOV, M.I., kand.tekhn.nauk.

Mechanical properties of electrolytic nickel. Trudy MIERDASH no.
28:29-37 '59.
(Nickel--Analysis)

(MRA 15:6)

MORAVIC, M.I., kand.tekhn.nauk.; KHARLAMOVA, K.N., mladshiy nauchnyy
sotrudnik; SEMIN, V.K., inzh.

Galvanoplastic production of nickel linings for autoclaves. Trudy
NIKHDIMASH no.28:38-43 '59.
(Autoclaves) (Nickel plating) (MIRA 15:6)

MOROZOV, M.I., kand.tekhn.nauk.; MARIAKOVA, K.N., mladshiy nauchnyy
sotrudnik.

Porosity of galvanoplastic nickel coatings. Trudy MIKHDMASH
no.28:44-54 '99.
(Protective coatings) (Nickel plating)

HORUDOV, M.I., kand.tekhn.nauk.; YEGOROVA, K.A., inzh.

Cleaning acid electrolyte of copper plating from organic impurities
by activated carbon. Trudy NIIIDPASH no.28:89-94 '59. (MIRA 15:6)
(Copper plating)

KHARLAMOVA, K.N., kand.tekhn.nauk; MORKHOV, M.I., kand.tekhn.nauk; NOVIKOV,
O.P., inzh.; KORYAGINA, V.V., inzh.

Purification of nickel and copper plating electrolytes by
the separation method. Khim.mash. no.2:23-26 Mt '62.

(MIRA 15:3)

(Nickel plating) (Copper plating) (Electrolytes)

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Kharchenko, R. N. (Candidate of technical sciences); Markov, M. I.
(Candidate of technical sciences); Savchenko, T. N. (Engineer); Beregovtsev, L. A.
D. F. (Engineer); P. S. (Engineer)

Methodical method for preparing woven staves for filter centrifuges

Kharkovskaya i naftjanaya nauchno-tekhnicheskaya, no. 1, 1965, 34-35

For sieve preparation, steel sieve, nonwoven sieve, filter centrifuge,
alcohol, pheniformamide resin, polyacrylovinyl varnish, electrochemical
etching, nickel plating, chromium plating

A method for preparing steel sieves for centrifuges with wire mesh eye
size is described. A dispositiva of the desired pattern of slit-shaped
holes in the staves is prepared and the thoroughly cleaned and pickled sheet
is cut to the required dimensions, placed in the centrifuge, and covered
with a solution of polyvinyl alcohol, ammonium bichromate, and plasticizer to
fill the centrifuge at 100 rpm; three layers are applied and dried in the
oven at 45-50°, and the pattern from the dispositiva copied to the film.